Panasonic®

Operating Instructions

Link-to-Cell Bluetooth Convergence Solution

Model No.   **KX-TGF372**
KX-TGF373
KX-TGF374
KX-TGF375
KX-TG585SK

❋ Bluetooth®

Model shown is KX-TGF372.

Before initial use, see "Getting Started" on page 11.

Thank you for purchasing a Panasonic product.
Please read these operating instructions before using the unit and save them for future reference.
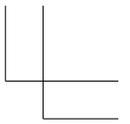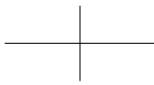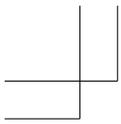
Consulte "Guía Rápida Española", página 83.

For assistance, visit our Web site: **www.panasonic.com/support** for customers in the U.S.A. or Puerto Rico.

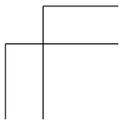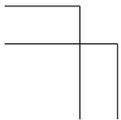**Please register your product: www.panasonic.com/prodreg**

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Model composition

Series	Model No.	Base unit	Handset	
		Part No.	Part No.	Quantity
KX-TGF370 series	KX-TGF372	KX-TGF370	KX-TGFA30	2
	KX-TGF373	KX-TGF370	KX-TGFA30	3
	KX-TGF374	KX-TGF370	KX-TGFA30	4
	KX-TGF375	KX-TGF370	KX-TGFA30	5
	KX-TG585SK	KX-TGF370	KX-TGFA30	5

Accessory information

Supplied accessories

No.	Supplied handset qty.	2 units[*1]	3 units[*2]	4 units[*3]	5 units[*4]
	Accessory item/Part number	Accessory quantity			
①	AC adaptor/PNLV226Z	1	1	1	1
②	Telephone line cord[*5]	1	1	1	1
③	Wall mounting adaptor/PNKL1038Z1	1	1	1	1
④	Rechargeable batteries[*6]	4	6	8	10
⑤	Handset cover/PNYNTGA680BR[*7]	2	3	4	5
⑥	Belt clip/PNKE1268Z1	2	3	4	5
⑦	Charger[*8]	1	2	3	4

*1 KX-TGF372
*2 KX-TGF373
*3 KX-TGF374
*4 KX-TGF375/KX-TG585SK
*5 PQJA10075Y: Black cord, PQJA10075Z: Transparent cord
*6 See page 5 for replacement battery information.
*7 The handset cover comes attached to the handset.
*8 PNLC1040ZS (Silver), PNLC1040ZB (Black)

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⑥   ⑦
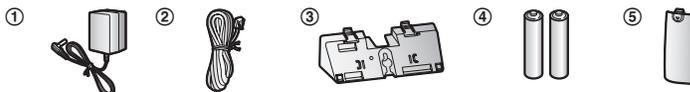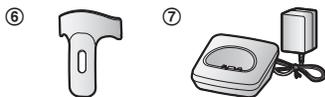
Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information (page 93).

Accessory item	Model number/Specifications
Rechargeable batteries	HHR-4DPA[*1] ● To order, please visit www.panasonic.com/batterystore
	Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset
Headset	KX-TCA60, KX-TCA93, KX-TCA400, KX-TCA430
T-adaptor	KX-J66
Range extender	KX-TGA405[*2]
Key detector	KX-TGA20[*3]

*1   Replacement batteries may have a different capacity from that of the supplied batteries.
*2   By installing this unit, you can extend the range of your phone system to include areas where reception was previously not available. This product can be purchased online. Please visit our Web site: www.panasonic.com/RangeExtender
*3   By registering the key detector (4 max.) to a Panasonic Digital Cordless Phone and attaching it to an easy-to-lose item in advance, you can locate and find the mislaid item to which the key detector is attached. Please visit our Web site: www.panasonic.net/pcc/products/telephone/p/tga20/

Other information

● Design and specifications are subject to change without notice.
● The illustrations in these instructions may vary slightly from the actual product.

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Expanding your phone system

Handset (optional): KX-TGFA30	
You can expand your phone system by registering optional handsets (6 max.) to a single base unit. ● Optional handsets may be a different color from that of the supplied handsets.	

Bluetooth® devices

You can expand your phone system by pairing the following units to a single base unit.

Your Bluetooth cellular phone[1]**:** 2 max. (for cellular calls: page 17)	
Your Bluetooth headset[1]**:** 1 max. (for a wireless hands-free conversation: page 60)	

[1] Your cellular phone and headset must be Bluetooth wireless technology compatible. For more details and the list of compatible cellular phones, please visit our Web site: www.panasonic.com/link2cell

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- Twitter is trademark of Twitter Inc.
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For your safety

To prevent severe injury and loss of life/ property, read this section carefully before using the product to ensure proper and safe operation of your product.

⚠WARNING

Power connection

- Use only the power source marked on the product.
- Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
- Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
- Regularly remove any dust, etc. from the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.
- Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact us at www.panasonic.com/contactinfo
- Unplug from power outlets and never touch the inside of the product if its casing has been broken open.
- Never touch the plug with wet hands. Danger of electric shock exists.

Installation

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.

- Do not allow the AC adaptor or telephone line cord to be excessively pulled, bent or placed under heavy objects.

Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.
- Do not disassemble the product.
- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 1.92 GHz to 1.93 GHz, and the RF transmission power is 115 mW (max.).)
- Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

⚠CAUTION

Installation and location

- Never install telephone wiring during an electrical storm.
- Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.

- This product is unable to make calls when:
  - the handset batteries need recharging or have failed.
  - there is a power failure.

Battery

- We recommend using the batteries noted on page 5. **USE ONLY rechargeable Ni-MH batteries AAA (R03) size.**
- Do not mix old and new batteries.
- Do not open or mutilate the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed.
- Exercise care when handling the batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns.
- Charge the batteries provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.
- Only use a compatible base unit (or charger) to charge the batteries. Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the batteries to swell or explode.

Attention:

A nickel metal hydride battery that is recyclable powers the product you have purchased.
Please call 1-800-8-BATTERY (1-800-822-8837) for information on how to recycle this battery.

Important safety instructions

When using your product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

For best performance

Base unit location/avoiding noise

The base unit and other compatible Panasonic units use radio waves to communicate with each other.

- For maximum coverage and noise-free communications, place your base unit:
  - at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
  - away from electronic appliances such as TVs, radios, personal computers, wireless devices, or other phones.
  - facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the base unit on a bay window or near a window.)
- Coverage and voice quality depends on the local environmental conditions.

- If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long period of time, unplug the product from the power outlet.
- The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 0 °C (32 °F) or greater than 40 °C (104 °F). Damp basements should also be avoided.
- The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.
- Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.

Routine care

- **Wipe the outer surface of the product with a soft moist cloth.**
- Do not use benzine, thinner, or any abrasive powder.

Other information

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Notice for product disposal, transfer, or return

- This product can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase information such as phonebook or caller list entries from the memory before you dispose of, transfer, or return the product.

Notice

- This product is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Cet appareil est conçu pour être utilisé aux États-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este producto está diseñado para usarse en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- 本產品專為美國使用而設。若在其他國家銷售或使用，可能會違反當地法例。
- この製品は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては 原則として修理などのサービスは致しかねます。

Specifications

- **Standard:**
  DECT 6.0 (Digital Enhanced Cordless
  Telecommunications 6.0)
  Bluetooth wireless technology 2.1
- **Frequency range:**
  1.92 GHz to 1.93 GHz (DECT)
  2.402 GHz to 2.48 GHz (Bluetooth)
- **RF transmission power:**
  115 mW (max.)
- **Power source:**
  120 V AC, 60 Hz
- **Power consumption:**
  Base unit:
  Standby: Approx. 1.2 W
  Maximum: Approx. 4.5 W
  Charger:
  Standby: Approx. 0.1 W
  Maximum: Approx. 1.8 W
- **Operating conditions:**
  0 °C – 40 °C (32 °F – 104 °F), 20 % – 80 %
  relative air humidity (dry)

Setting up

Connections

- If you do not connect the telephone line cord and use only cellular lines, set the cellular line only mode to use this unit more conveniently (page 19).

■ Base unit

① Connect the AC adaptor to the unit by pressing the plug firmly.
② Fasten the cord by hooking it.
③ Connect the AC adaptor to the power outlet.
④ Connect the telephone line cord to the unit, then to the single-line telephone jack (RJ11C) until you hear a click.
⑤ A DSL/ADSL filter (not supplied) is required if you have a DSL/ADSL service.

Note:

- Use only the supplied Panasonic AC adaptor PNLV226.
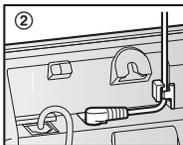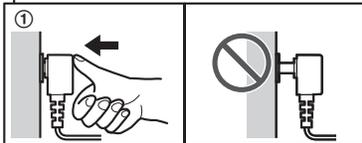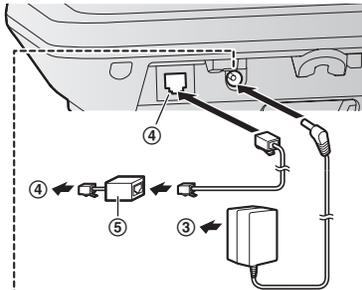
■ Charger

① Connect the AC adaptor to the power outlet.
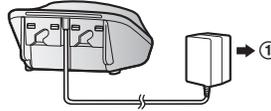
Battery installation

- USE ONLY rechargeable Ni-MH batteries AAA (R03) size (Ⓐ).
- Do NOT use alkaline/manganese/Ni-Cd batteries.
- Confirm correct polarities (⊕, ⊖).
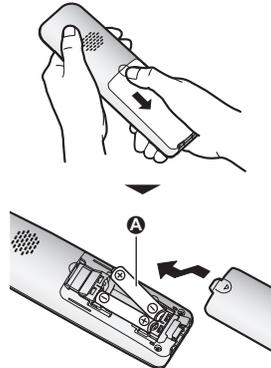
- Follow the directions on the display to set up the unit.

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Battery charging

Charge for about 7 hours.
- Confirm **"Charging"** is displayed (**A**).
- When the batteries are fully charged, **"Fully charged"** is displayed.
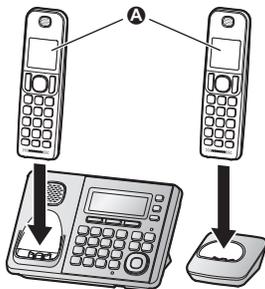
Note when setting up

Note for connections

- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 5, 8.

Note for battery charging

- It is normal for the handset to feel warm during charging.
- Clean the charge contacts of the handset, base unit, and charger with a soft and dry cloth once a month. Before cleaning the unit, disconnect from power outlets and any telephone line cords. Clean more often if

the unit is exposed to grease, dust, or high humidity.

Battery level

Icon	Battery level
🔋	High
🔋	Medium
🔋	Low
🔋	Needs charging.
🔋	Empty

Panasonic Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	13 hours max.[*1]
Not in use (standby)	12 days max.[*1]

[*1] If eco mode is on.

Note:
- Actual battery performance depends on usage and ambient environment.

Intelligent eco mode

This feature automatically reduces handset power consumption by suppressing handset transmission power when the handset is close to the base unit.
- When this feature is activated, **ECO** is displayed. However, during a cellular call, **ECO** is not displayed even though this feature is activated.
- Eco mode is turned off when the clarity booster is activated (page 23).

For assistance, please visit www.panasonic.com/support

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Controls

Handset
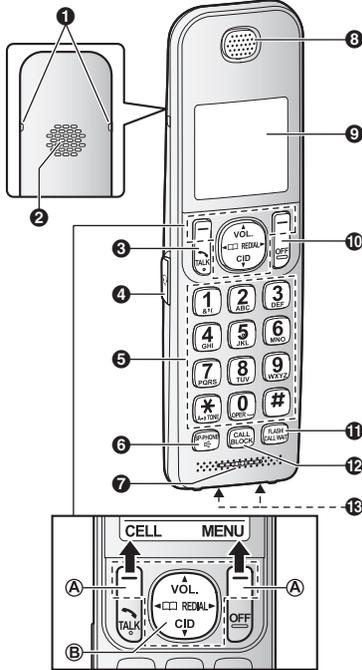
① **Belt clip holes**
② **Speaker**
③ **【 】 (TALK)**
④ **Headset jack**
⑤ **Dial keypad (⊞: TONE)**
⑥ **【 】 (SP-PHONE: Speakerphone)**
⑦ **Microphone**
⑧ **Receiver**
⑨ **Display**
⑩ **【OFF】**
⑪ **【FLASH】【CALL WAIT】**
⑫ **【CALL BLOCK】**
⑬ **Charge contacts**

■ **Control type**
Ⓐ **Soft keys**
By pressing a soft key, you can select the feature shown directly above it on the display. After a cellular phone is paired, **【CELL】** is displayed.

Ⓑ **Navigator key**
- **【▲】**, **【▼】**, **【◄】**, or **【►】**: Scroll through various lists and items.
- VOL. (Volume: **【▲】** or **【▼】**): Adjust the receiver or speaker volume while talking.
- **【◄】** ▭: View the phonebook entry.
- **【►】** REDIAL: View the redial list.
- **【▼】** CID (Caller ID): View the caller list.

Base unit
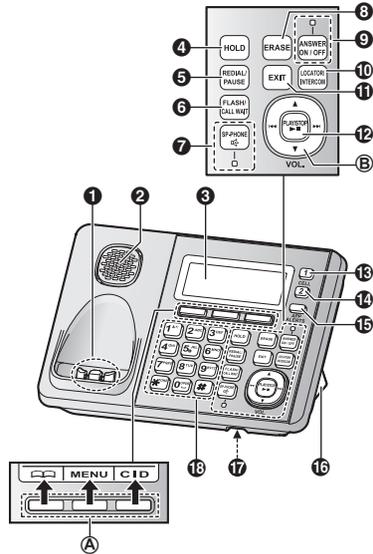
① **Charge contacts**
② **Speaker**
③ **Display**
④ **【HOLD】**
⑤ **【REDIAL】【PAUSE】**
⑥ **【FLASH】【CALL WAIT】**
⑦ **【 】 (SP-PHONE: Speakerphone)**
   SP-PHONE indicator

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⑧ 【ERASE】
⑨ 【ANSWER ON/OFF】
  ANSWER ON/OFF indicator
⑩ 【LOCATOR】【INTERCOM】
  ● You can locate a misplaced handset by pressing 【LOCATOR】.
⑪ 【EXIT】
⑫ 【►■】(PLAY/STOP)
  Message indicator
⑬ 【CELL 1】
  CELL 1 indicator
⑭ 【CELL 2】
  CELL 2 indicator
⑮ 【APP ALERTS】
⑯ Desk stand/Wall mounting adaptor
  ● The adaptor is a removable attachment for desk stand or wall mounting use (page 70).
⑰ Microphone
⑱ Dial keypad (✳: TONE)

■ Control type
  Ⓐ Soft keys
  By pressing a soft key, you can select the feature shown directly above it on the display.
  Ⓑ Navigator key
  – 【▲】, 【▼】, 【I◄◄】, or 【►►I】: Scroll through various lists and items.
  – VOL. (Volume: 【▲】 or 【▼】): Adjust the speaker volume while talking.
  – 【I◄◄】/【►►I】: Repeat/skip messages during playback.

Display icons/Indicators

Handset display items

Item	Meaning
Ψ	Within base unit range
Ψ̸	Out of base unit range
☎	The landline is in use. ● When flashing: The call is put on hold. ● When flashing rapidly: An incoming call is now being received.

Item	Meaning
▫¹₂	A cellular line is in use.*1 ● When flashing: The cellular call is put on hold. ● When flashing rapidly: A cellular call is being received.
ECO	Eco mode is on.*2 (page 12)
✳¹₂	A cellular phone is connected.*1 Ready to make/receive cellular calls. ● When turned off: A cellular phone is not connected to the base unit. (page 19)
C1 C2	– A cellular call is being done on that line. – The cellular line is selected for the setting.
NR	Noise reduction is set. (page 23)
EQ	Equalizer is set. (page 23)
◁	Speakerphone is on. (page 21)
⌀¹ₗ	Ringer volume is off.*3 (page 42, 44)
Zzz	Silent mode is on. (page 50)
PRIV.	Call sharing mode is off. (page 46)
⊕	Alarm is on. (page 49)
1	Handset number
▮	Battery level
⌄⟩⟩	Blocked call (page 32)
BOOST	Clarity booster is on.*2 (page 23)
↝	Baby monitor is activated. The name/number displayed next to the icon indicates the monitoring unit. (page 51)
In use	Answering system is being used by another handset or the base unit.

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Item	Meaning
`Cell1 in use`	Someone is using the corresponding line.
`Cell2 in use`	
`C1&C2 in use`	
`Line in use`	

*1 Corresponding lines (1, 2: cellular line) are indicated next to the item.
*2 During a cellular call, the item is not displayed even though the feature is activated.
*3 Corresponding lines (1, 2: cellular line, L: landline) are indicated next to the item. If all lines are turned off, no line is indicated.

Base unit display items

Item	Meaning
$\cancel{\diagup}^{C1}_L$	Ringer volume is off.*1 (page 47, 48)
Zzz	Silent mode is on. (page 50)
PRIV.	Call sharing mode is off. (page 46)
GO	**"Greeting only"** is selected. Caller messages are not recorded. (page 68)
C1 **C2**	– A cellular call is being done on that line. – The cellular line is selected for the setting.
APP	App alert is temporarily off. (page 60)
⑅)	Blocked call (page 32)
BO	A Bluetooth headset is connected to the base unit. It is ready for use.
⌒	A Bluetooth headset is in use.
`In use`	Answering system is being used by the handset.

Item	Meaning
`Cell1 in use`	Someone is using the corresponding line.
`Cell2 in use`	
`C1&C2 in use`	
`Line in use`	

*1 Corresponding lines (C1, C2: cellular line, L: landline) are indicated next to the item. If all lines are turned off, no line is indicated.

CELL indicators on the base unit

The CELL indicators show each cellular line status.

Status	Meaning
On	A cellular phone is connected. Ready to make/receive cellular calls.
Flashing	– The cellular line is in use. – Phonebook entries are being copied from a cellular phone (page 57). – The base unit is searching for the paired cellular phone. – The base unit is pairing a cellular phone. – A cellular call is put on hold.
Flashing rapidly	A cellular call is being received.
Light off	– A cellular phone is not paired to the base unit. – A cellular phone is not connected to the base unit (page 19).

Language settings

Display language

You can select either **"English"** or **"Español"** as the display language. The default setting is **"English"**.

Handset / Base unit

1 **[MENU]**#110

2 **[♦]**: Select the desired setting. → **[SAVE]**

3 Proceed with the operation for your unit.
Handset: [OFF]
Base unit: [EXIT]

Voice guidance language

You can select either **"English"** or **"Español"** as the voice guidance language of the answering system. The default setting is **"English"**.

Handset

1 **[MENU]**#112

2 **[♦]**: Select the desired setting.

3 **[SAVE]** → **[OFF]**

Date and time

Handset

1 **[MENU]**#101

2 Enter the current month, date, and year by selecting 2 digits for each.
Example: July 12, 2015
07 12 15

3 **[OK]**

4 Enter the current hour and minute (12-hour clock format) by selecting 2 digits for each.
Example: 9:30
09 30

5 ✱: Select **"AM"** or **"PM"**.

6 **[SAVE]** → **[OFF]**

Note:

- When English is selected as the display language, 12-hour clock format is used. When Spanish is selected, 24-hour clock format is used.

Recording your greeting message

You can record your own greeting message instead of using a pre-recorded greeting message. See page 62 for details.

Handset

1 **[MENU]**#302

2 **[♦]**: **"Yes"** → **[SELECT]**

3 Record a greeting message. → **[STOP]** → **[OFF]**

Other settings

Dialing mode

If you cannot make calls, change this setting according to your telephone line service. The default setting is **"Tone"**.
"Tone": For tone dial service.
"Pulse": For rotary/pulse dial service.

Handset

1 **[MENU]**#120

2 **[♦]**: Select the desired setting.

3 **[SAVE]** → **[OFF]**

For assistance, please visit www.panasonic.com/support

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Link to cell feature

You can connect your base unit and cellular phone using Bluetooth wireless technology, so that you can make or answer cellular calls using your phone system. This allows you to:
– use the unit to talk on cellular calls even if some areas of your home have poor cellular reception, simply by placing your cellular phone in an area with good reception.
– talk on cellular calls even if your cellular phone is in your pocket or bag.
– enjoy cordless cellular calls even if your cellular phone plugged in and charging.

Important:
● Your cellular phone must support the Hands Free Profile (HFP) specification.
● You may pair 2 cellular phones and 1 headset.
● The unit can be used to talk on 2 lines at the same time (for example, 2 cellular lines, or the landline and 1 cellular line).
● Only 2 Bluetooth devices can be used with the unit at the same time (for example, 2 cellular lines, or the headset and 1 cellular line).
● Locate your cellular phone near the base unit. If the cellular phone is too close to the base unit during a cellular call, you may hear noise. For best performance, we recommend placing the cellular phone between 0.6 m to 3 m (2 feet to 10 feet) away from the base unit.

Pairing a cellular phone

Important:
● For more details and the list of compatible cellular phones, please visit our Web site: www.panasonic.com/link2cell
● Before pairing a Bluetooth enabled cellular phone to the base unit, make sure that no other Bluetooth device such as a Bluetooth headset is connected to your cellular phone.

1 **Base unit:**
Press and hold **[CELL 1]** or **[CELL 2]** for a few seconds.

● After the corresponding CELL indicator on the base unit starts flashing, the rest of the procedure must be completed within 5 minutes.

2 **Your cellular phone:**
While the corresponding CELL indicator is flashing, follow the instructions of your cellular phone to enter the pairing mode.
● Depending on your cellular phone, it may ask you to enter the Bluetooth PIN (default: **"0000"**). If your cellular phone shows PassKey confirmation on its display, follow the directions to proceed.

3 **Base unit:**
Wait until a long beep sounds.
● It may take more than 10 seconds to complete pairing.
● When the corresponding CELL indicator lights up, the cellular phone is connected to the base unit. You are ready to make cellular calls.

4 **[EXIT]**

Note:
● Make sure that your cellular phone is set to connect to this product automatically. Refer to your cellular phone's operating instructions.
● Make sure you cancel your cellular phone's current pairing if you want to pair it to the other line (page 17).
● The default setting for the alert feature is **"On"**, so when you pair your cellular phone to the base unit, this feature may be activated (page 59). (This depends on the version and type of cellular phone you are using.)

Unpairing a cellular phone

You can cancel the pairing of a cellular phone that is stored in the base unit.

Handset

1 For CELL 1: **[MENU]** # 6 1 1 1
For CELL 2: **[MENU]** # 6 1 1 2

2 **[⬍]**: **"Yes"** → **[SELECT]**
● When the cellular phone is unpaired, the CELL indicator is turned off.

3 **[OFF]**

Link to cell settings

Selecting which unit receives cellular calls

You can select which unit rings and receives calls for a cellular line. When **"All"** is selected, all handsets and the base unit ring.

Handset

1 For CELL 1: **[MENU]**[#][6][2][7][1]
For CELL 2: **[MENU]**[#][6][2][7][2]

2 **[⬍]**: Select the desired handset or **"All"**. → **[SAVE]**

3 **[OFF]**

Note:
● When you select a specific handset to receive calls for a cellular line:
– other handsets cannot answer the calls.
– the base unit can answer the calls even though it does not ring. However, you can make the base unit ring by adjusting the base unit ringer volume (page 47).
● When you change to **"All"** from other setting, the base unit ringer volume also returns to the lowest level even if the ringer volume was changed.
● The units selected with this setting have the alert feature (page 59) applied to them.

Ring as cell mode

Once this feature is turned on, the handset and base unit ring using the same ringer tone as your cellular phone.
The following settings are available:
– **"Off"**: Turn this feature off to use the ringer tones of the handset and base unit. Caller information is announced depending on the Talking Caller ID setting (page 44).

– **"On (with Talking CID)"** (default): The handset and base unit use your cellular phone's ringer tone. Caller information is announced even if the Talking Caller ID is turned off.
– **"On (without Talking CID)"**: The handset and base unit use your cellular phone's ringer tone. Caller information is not announced even if the Talking Caller ID is turned on.

Important:
● To use this feature, your cellular phone must support Bluetooth in-band ringtone. Refer to your cellular phone's operating instructions.

Handset

1 For CELL 1: **[MENU]**[#][6][1][4][1]
For CELL 2: **[MENU]**[#][6][1][4][2]

2 **[⬍]**: Select the desired setting.

3 **[SAVE]** → **[OFF]**

Note:
● The units use the preset ringer tones instead of your cellular phone's ringer tone when a cellular call is being received if:
– your cellular phone is in silent mode (depending on your cellular phone).
– the base unit is in use.
– 2 handsets are sharing a landline call.
● If your cellular phone is in silent mode with **"On (with Talking CID)"** set, the unit announces caller information even when Talking Caller ID is turned off (page 44).

To use the handset ringer tone instead of your cellular phone's ringer tone

Select **"Off"** in step 2, "Ring as cell mode", page 18.
To change the handset ringer tone for a cellular line, see page 42.

Auto connection to the Bluetooth devices (cellular phones)

After pairing, your Bluetooth devices are connected to the base unit. If you move the

Bluetooth devices out of base unit range, the Bluetooth devices are disconnected from the base unit. This feature allows the base unit to try to reconnect the Bluetooth devices at regular intervals when it returns within base unit range. You can set the interval. The default setting is **"1 min"**.

Important:

● When 3 Bluetooth devices (2 cellular phones and 1 headset) are paired to the base unit, only 2 Bluetooth devices can be used with the unit at the same time, and the base unit loses its connection from other Bluetooth devices. To automatically resume the connection to Bluetooth devices, leave the auto connection on.

● Some cellular phones lose connection after usage, please check the specifications of your cellular phone for more details.

Handset

1 **[MENU]**#632

2 **[♦]**: Select the desired setting.

3 **[SAVE]** → **[OFF]**

Note:

● Some cellular phones may ask you if you accept the connection requirement from the base unit. In that case, select **"Off"** in step 2. Check the specifications of your cellular phone.

Connecting/disconnecting the cellular phone manually

If you will not be using the paired cellular phone's link to cell feature temporarily (for example, you do not want the unit to ring when your cellular line receives a call), you can disconnect your cellular phone from the base unit. If you want to use it again, reconnect the cellular phone to the base unit.

Note:

● After you disconnect a paired cellular phone from the base unit manually, it will automatically be connected to the base unit in 30 minutes. If you do not use the link to cell feature anymore, unpair the cellular phone (page 18).

● A disconnected cellular phone is not unpaired from the base unit, so pairing it to the base unit again is unnecessary.

Handset

1 **To connect/disconnect:**
   For CELL 1: **[MENU]**#62511
   For CELL 2: **[MENU]**#62512
   ● A long beep sounds.

2 **[OFF]**

Cellular line only mode (If you do not use the landline)

If you do not use the landline, we recommend setting the unit to the cellular line only mode. The default setting is **"Off"**.

Important:

● If you turn on the **"Cell line only mode"**, disconnect the telephone line cord from the base unit. Otherwise the **"Cell line only mode"** cannot be activated.

Handset

1 **[MENU]**#157

2 **To turn on:**
   [♦]: **"On"** → **[SELECT]** → **[♦]**: **"Yes"** → **[SELECT]**
   To turn off:
   [♦]: **"Off"** → **[SELECT]**

Note:

● Once you set this mode, you can use the following buttons to make cellular calls:
   – for the handset, press **[☎]** or **[📢]** instead of **[CELL]** (page 21).
   – for the base unit, press **[📢]** without pressing **[CELL 1]** or **[CELL 2]** set for the cellular line selection (page 20, 27).

● Once you set this mode, the following features cannot be used:
   – Landline features (page 48)
   – Answering system (page 62) Messages cannot be received.
   – Voicemail features (page 69)

● After this mode is turned on or off, the base unit reboots.

– Bluetooth connections from cellular phones or headset are disconnected. If the auto connection is turned on (page 18), the cellular phones are reconnected.

– $\overline{\mathbf{Y}}$ will be displayed on the handset momentarily. The handset can be used once $\mathbf{Y}$ is displayed.

When you use the landline again

Before connecting the telephone line to the base unit, select **"Off"** in step 2, "Cellular line only mode (If you do not use the landline)", page 19.

Cellular line selection

This feature determines which cellular line is selected to make cellular calls when:
– you press **[CELL]** on the handset.
– you press **[ ]** or **[ ]** on the handset while the cellular line only mode is turned on.
– you press **[ ]** on the base unit while the cellular line only mode is turned on.
The following settings are available:
– **"Manual"** (handset only: default): You can select the desired cellular line when making a call.
– **"Cellphone 1"***1 (base unit default): CELL 1 is selected.
– **"Cellphone 2"***1: CELL 2 is selected.

    Handset / Base unit

1 **[MENU]** # 6 3 4

2 **[ ]**: Select the desired setting. →
   [SAVE]

3 Proceed with the operation for your unit.
   Handset: [OFF]
   Base unit: [EXIT]

*1 After the Bluetooth device is paired, the device name is displayed.

Storing your area code (for dialing only a 7-digit phone number to make a local call)

You need to add your area code when making cellular calls to a phone number in your area. Once you store your area code, it is automatically added to the beginning of the 7-digit phone number when making cellular calls.

    Handset

1 **[MENU]** # 6 3 3

2 Enter the 3-digit area code.
   ● To correct a digit, press **[CLEAR]**.

3 **[SAVE]** → **[OFF]**

Changing the Bluetooth PIN (Personal Identification Number)

The PIN is used to pair cellular phones to the base unit. The default PIN is **"0000"**. To prevent unauthorized access to this product, we recommend that you change the PIN, and keep it confidential.

Important:
● Please make note of your new PIN. The unit does not reveal the PIN to you. If you forget your PIN, see page 80.

    Handset

1 **[MENU]** # 6 1 9
   ● If the unit prompts you to enter the old PIN (when the default has been changed), enter the current 4-digit PIN.

2 Enter the new 4-digit PIN. → **[OK]**

3 Enter the new 4-digit PIN again. →
   [SAVE]

4 **[OFF]**

Making cellular calls

Important:

- The unit can be used to talk on 2 lines at the same time (for example, 2 cellular lines, or the landline and 1 cellular line).
- Only 2 Bluetooth devices can be used with the unit at the same time (for example, 2 cellular lines, or the headset and 1 cellular line).
- Before making calls, confirm that the corresponding $\frac{1}{2}$ on the handset is displayed (page 14).

1 Lift the handset and dial the phone number.
   - To correct a digit, press **[CLEAR]**.

2 **[CELL]**
   - The unit starts dialing when:
     – only 1 cellular phone is paired.
     – a specific line is set to make cellular calls (page 20).
     Go to step 4.

3 **[$\updownarrow$]**: Select the desired cellular phone. → **[SELECT]**

4 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Note:

- To switch to the speaker, press **[📢]**. To switch back to the receiver, press **[📢]**/ **[➤]**.

Adjusting the receiver or speaker volume

Press **[▲]** or **[▼]** repeatedly while talking.

Note:

- The receiver or speaker volume you set is kept for each line (landline and cellular lines).

Making a cellular call using the redial list

The last 5 phone numbers dialed are stored in the redial list (each 48 digits max.).

1 **[►]** REDIAL

2 **[$\updownarrow$]**: Select the desired phone number.

3 **[CELL]**
   - The unit starts dialing when:
     – only 1 cellular phone is paired.
     – a specific line is set to make cellular calls (page 20).

4 **[$\updownarrow$]**: Select the desired cellular phone. → **[SELECT]**

Erasing a number in the redial list

■ **When a cellular phone is paired:**

1 **[►]** REDIAL

2 **[$\updownarrow$]**: Select the desired phone number. → **[MENU]**

3 **[$\updownarrow$]**: "Erase" → **[SELECT]**

4 **[$\updownarrow$]**: "Yes" → **[SELECT]**

5 **[OFF]**

■ **When a cellular phone is not paired:**

1 **[►]** REDIAL

2 **[$\updownarrow$]**: Select the desired phone number. → **[ERASE]**

3 **[$\updownarrow$]**: "Yes" → **[SELECT]**

4 **[OFF]**

Making landline calls

1 Lift the handset and dial the phone number.
   - To correct a digit, press **[CLEAR]**.

2 **[➤]**

3 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Using the speakerphone

1 Dial the phone number and press **[📢]**.

2 When you finish talking, press **[OFF]**.

Note:

- To switch back to the receiver, press **[📢]**/ **[➤]**.

Making a call using the redial list

The last 5 phone numbers dialed are stored in the redial list (each 48 digits max.).

1 **[►]** REDIAL

2 **[♦]**: Select the desired phone number.

3 **[➜]**

Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 38).
Example: If you need to dial the line access number "9" when making outside calls with a PBX:

1 **9** → **[▲]** (Pause)

2 Dial the phone number. → **[➜]**

Note:
● A 3.5 second pause is inserted each time **[▲]** (Pause) is pressed.

Answering calls

1 Lift the handset and press **[➜]** or **[◄»]** when the unit rings.
  ● To answer a cellular call, you can also press **[CELL]**.

2 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.
Any key answer: You can answer the call by pressing any dial key.
Auto talk: You can answer calls simply by lifting the handset (page 45).
Temporary handset ringer off: You can turn the ringer off temporarily by pressing **[⌀]**.

Adjusting the handset ringer volume

Press **[▲]** or **[▼]** repeatedly to select the desired volume while ringing.

Note:
● The ringer volume you set is kept for each line (landline and cellular lines).

Useful features during a call

Hold

1 Press **[MENU]** during an outside call.

2 **[♦]**: "Hold" → **[SELECT]**

3 **To release hold on the cellular line:**
Press **[CELL]**.*1
  ● Another handset user can take the call by pressing **[CELL]**.*1
    *1 If you press **[CELL]** and the selection list is displayed, select the desired cellular line and press **[SELECT]**.
  ● The base unit user can take the call by pressing **[CELL 1]** or **[CELL 2]**.
  To release hold on the landline:
  Press **[➜]**.
  ● Another handset user can take the call by pressing **[➜]**.
  ● The base unit user can take the call by pressing **[◄»]**.

Note:
● After holding for 10 minutes, the call is disconnected.

Mute

1 Press **[MUTE]** during a call.

2 To return to the call, press **[MUTE]**.

Note:
● **[MUTE]** is a soft key visible on the display during a call.

Flash for landline calls

[FLASH] allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

Note:
● To change the flash time, see page 46.

For call waiting or Call Waiting Caller ID service users

To use call waiting or Call Waiting Caller ID, you must first subscribe with your phone service provider.

This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone.

If you subscribe to both Caller ID and Call Waiting with Caller ID services, the 2nd caller's information is displayed after you hear the call waiting tone on the handset.

1   Press **[CALL WAIT]** to answer the 2nd call.
2   To switch between calls, press **[CALL WAIT]**.

Note:
● Please contact your phone service provider for details and availability of this service in your area.

Temporary tone dialing for landline calls (for rotary/pulse service users)

Press ✳ (TONE) before entering access numbers which require tone dialing.

Handset clarity booster

This feature can improve sound clarity when the handset is used in an area where there may be interference. During an outside call, this feature is turned on automatically when necessary.

● When this feature is turned on, **BOOST** is displayed. However, during a cellular call, **BOOST** is not displayed even though the feature is activated.

Handset noise reduction

This feature allows you to hear the voice of the person you are talking to more clearly, by reducing the surrounding noise coming from the other party's telephone.

1   Press **[MENU]** while talking.
2   **[♣]**: **"Noise reduction on"** or **"Noise reduction off"** → **[SELECT]**

Note:
● The setting you made is kept for each line (landline and cellular lines).
  The default settings are as follows:
  – for landline: **"Noise reduction off"**
  – for cellular lines: **"Noise reduction on"**
● Depending on the environment where this handset is being used, this feature may not be effective.
● This feature is not available while using the speakerphone.

Handset equalizer

This feature clarifies the voice of the person you are talking to, producing a more natural-sounding voice that is easier to hear and understand.

1   Press **[MENU]** while talking.
2   **[♣]**: **"Equalizer"** → **[SELECT]**
3   **[♣]**: Select the desired setting.
4   Press **[OK]** to exit.

Note:
● The setting you made is kept for each line (landline and cellular lines).
● Depending on the condition and quality of your telephone line, this feature may emphasize existing line noise. If it becomes difficult to hear, turn this feature off.
● This feature is not available while using the speakerphone.
● When both the **"Equalizer"** setting and noise reduction are activated, **NR** is shown on the display.

Call share

You can join an existing outside call.

■ **While another unit is on a cellular call:**

1 To join the conversation, press **[CELL]**.
   ● You can join the conversation when:
     – only 1 cellular phone is paired.
     – a specific line is set to make cellular calls (page 20).

2 **[♦]**: Select the corresponding cellular phone. → **[SELECT]**

■ **While another unit is on a landline call:**
   To join the conversation, press **[✆]**.

Note:

● A maximum of 3 parties (including 1 outside party) can join a conversation using 2 extensions. **(3-way conference)**
● To prevent other users from joining your conversations with outside callers, turn call sharing mode off (page 46).

Transferring calls, conference calls

Outside calls can be transferred or a conference call with an outside party can be made between 2 handsets.

1 During an outside call, press **[MENU]**.

2 **[♦]**: **"Intercom"** → **[SELECT]**

3 **[♦]**: Select the desired unit. → **[SELECT]**

4 Wait for the paged party to answer.
   ● If the paged party does not answer, press **[BACK]** to return to the outside call.

5 **To complete the transfer:**
   Press **[OFF]**.
   To establish a conference call:
   [MENU] → **[♦]**: **"Conference"** → **[SELECT]**
   ● To leave the conference, press **[OFF]**. The other 2 parties can continue the conversation.
   ● To put the outside call on hold:
     [MENU] → **[♦]**: **"Hold"** → **[SELECT]**

To resume the conference: **[MENU]** → **[♦]**: **"Conference"** → **[SELECT]**
● To cancel the conference: **[MENU]** → **[♦]**: **"Stop conference"** → **[SELECT]**
   You can continue the conversation with the outside caller.

Transferring a cellular call between the handset and a cellular phone

Transferring a cellular call from the handset to a cellular phone

1 Press **[MENU]** during a cellular call.

2 **[♦]**: **"Transfer to cell"** → **[SELECT]**
   ● The cellular call is transferred to the cellular phone.

Note:

● Depending on your cellular phone type, you may need to set the cellular phone to be ready to talk before transferring. For example, if your cellular phone has a top cover, open it beforehand.

Transferring a cellular call from a cellular phone to the handset

During a conversation using a cellular phone, the call cannot be transferred to the handset by the cellular phone. Perform the following with the handset.

1 During a conversation using a cellular phone, press **[CELL]**.
   ● The call is transferred to the handset when:
     – only 1 cellular phone is paired.
     – a specific line is set to make cellular calls (page 20).

2 **[♦]**: Select the corresponding cellular phone. → **[SELECT]**
   ● The call is transferred to the handset.

Answering a 2nd call

If you receive a call while talking on the phone, the interrupt tone sounds (page 44) and the 2nd caller's information is displayed if you subscribe to Caller ID service (page 54).

Answering a 2nd call during a landline call

1   Press **[MENU]** during a landline call.
2   **[⬦]**: **"Hold"** → **[SELECT]**
3   **To answer the 2nd call:**
    Press **[CELL]** while the 2nd call is being received.
4   To hang up the 2nd call and return to the 1st call (landline call), press **[OFF]**, then press **[✆]**.

Answering a 2nd call during a cellular call

1   Press **[MENU]** during a cellular call.
2   **[⬦]**: **"Hold"** → **[SELECT]**
3   **To answer the 2nd call:**
    Press **[✆]** or **[CELL]** while the 2nd call is being received.
4   To hang up the 2nd call and return to the 1st call (cellular call), press **[OFF]**, then press **[CELL]**.[*1]
[*1]   If you press **[CELL]** and the selection list is displayed, select the desired cellular line and press **[SELECT]**.

Power backup operation for landline

When a power failure occurs, the charged handset temporarily supplies power to the base unit (power backup mode). This allows you to make and receive landline calls using a handset during a power failure. The base unit will not perform any other functions. However, some functions such as Caller ID and phonebook are available only when using a handset other than the handset supplying

power to the base unit. You can program **"Power failure"** and the default setting is **"Auto"** (page 46).

Important:

● If a handset is not placed on the base unit when a power failure occurs, **"Base no power Press OFF"** is displayed. After pressing **[OFF]** on the handset, place it on the base unit to start power backup mode.
● Power backup mode will not work if the battery level of the power supplying handset is ▭ or ▯.
● Do not lift the power supplying handset from the base unit during power backup mode.

Panasonic Ni-MH battery performance (supplied batteries) during power backup mode

When the batteries are fully charged, operating time of the handset in power backup mode varies depending on usage.
– Continuous use of the handset in power backup mode: 1.5 hours max.
– Continuous use of the handset other than a handset in power backup mode: 2 hours max.
– Not in use in power backup mode: 2 hours max.

Making calls during a power failure

■ **When only 1 handset is registered:**
1   Lift the handset and dial the phone number.
2   Within 1 minute, place the handset on the base unit.
    ● Wait until speakerphone is turned on automatically and the call is made.
3   When the other party answers the call, keep the handset on the base unit and talk using the speakerphone.
4   When you finish talking, press **[OFF]**.

■ **When 2 or more handsets are registered:**
You should leave one handset on the base unit for supplying the power, and use another handset for making calls.

Note:

● The range of the base unit is limited during a power failure. Please use the handset close to the base unit.

Making a call using the redial list

■ **When only 1 handset is registered:**

1. Lift the handset.
2. **[►]** REDIAL
3. **[♦]**: Select the desired phone number.
4. Within 1 minute, place the handset on the base unit.
   ● Wait until speakerphone is turned on automatically and the call is made.

■ **When 2 or more handsets are registered:**
You should leave one handset on the base unit for supplying the power, and use another handset for making calls.

Making a call using the phonebook

There must be at least 2 handsets registered to the base unit in order for the phonebook feature to be used during a power failure.
You should leave one handset on the base unit for supplying the power, and use another handset for making calls.

Answering calls during a power failure

■ **When only 1 handset is registered:**

1. When the unit rings, keep the handset on the base unit and press **[🕿]** or **[🕪]**.
   ● Speakerphone is turned on.
2. When you finish talking, press **[OFF]**.

■ **When 2 or more handsets are registered:**
When the unit rings, use a handset which is not supplying power to the base unit.

● Do not use or lift the handset which is placed on the base unit during power backup mode.

Note:

● The range of the base unit is limited during a power failure. Please use the handset close to the base unit.

For assistance, please visit www.panasonic.com/support

Making cellular calls

Important:

- The unit can be used to talk on 2 lines at the same time (for example, 2 cellular lines, or the landline and 1 cellular line).
- Only 2 Bluetooth devices can be used with the unit at the same time (for example, 2 cellular lines, or the headset and 1 cellular line).
- Before making calls, confirm that the corresponding CELL indicator on the base unit lights up (page 15).

1 Dial the phone number.
- To correct a digit, press **[CLEAR]**.

2 Press **[CELL 1]** or **[CELL 2]**.

3 When the other party answers, speak into the microphone.

4 When you finish talking, press **[📢]**.

Note:

- While on a call, you can switch from the base unit to the handset:
  - With the call sharing mode on (page 46), press **[CELL]**[*1] on the handset. → **[♦]**: Select the desired cellular phone. → **[SELECT]** → Press **[📢]** on the base unit.
  - If the handset is on the base unit, simply lift it.
  - *1 The call is taken when:
    - only 1 cellular phone is paired.
    - a specific line is set to make cellular calls (page 20).

Adjusting the speaker volume

Press **[▲]** or **[▼]** repeatedly while talking.

Note:

- The speaker volume you set is kept for each line (landline and cellular lines).

Making a cellular call using the redial list

The last 10 phone numbers dialed are stored in the redial list (each 48 digits max.).

1 **[REDIAL]**

2 **[♦]**: Select the desired phone number.

3 Press **[CELL 1]** or **[CELL 2]**.

Erasing a number in the redial list

1 **[REDIAL]**

2 **[♦]**: Select the desired phone number. → **[ERASE]**

3 **[♦]**: "**Yes**" → **[SELECT]**

4 **[EXIT]**

Making landline calls

1 Dial the phone number.
- To correct a digit, press **[CLEAR]**.

2 **[📢]**

3 When the other party answers, speak into the microphone.

4 When you finish talking, press **[📢]**.

Note:

- While on a call, you can switch from the base unit to the handset:
  - Press **[📞]** on the handset, then press **[📢]** on the base unit with the call sharing mode on (page 46).
  - If the handset is on the base unit, simply lift it.

Making a call using the redial list

The last 10 phone numbers dialed are stored in the redial list (each 48 digits max.).

1 **[REDIAL]**

2 **[♦]**: Select the desired phone number.

3 **[📢]**

Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 38).

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Example: If you need to dial the line access number "9" when making outside calls with a PBX:

1 9 → **[PAUSE]**

2 Dial the phone number. → **[📢]**

Note:

● A 3.5 second pause is inserted each time **[PAUSE]** is pressed.

Answering calls

1 Press **[📢]** when the unit rings.
  ● You can also answer the cellular call by pressing **[CELL 1]** or **[CELL 2]**.

2 Speak into the microphone.

3 When you finish talking, press **[📢]**.

Adjusting the base unit ringer volume

Press **[▲]** or **[▼]** repeatedly to select the desired volume while ringing.

Note:

● The ringer volume you set is kept for each line (landline and cellular lines).

Useful features during a call

Hold

1 Press **[HOLD]** during an outside call.

2 **To release hold on the cellular line:** Press **[CELL 1]** or **[CELL 2]**.
  ● A handset user can take the call:
    [CELL][*1] → **[♦]**: Select the corresponding cellular phone. → **[SELECT]**
    *1 The call is taken when:
      – only 1 cellular phone is paired.
      – a specific line is set to make cellular calls (page 20).

  To release hold on the landline: Press **[📢]**.

● A handset user can take the call by pressing **[📞]**.

Note:

● While a landline call is on hold, the SP-PHONE indicator flashes.
● After holding for 10 minutes, the call is disconnected.

Mute

1 Press **[MUTE]** during a call.
  ● The SP-PHONE indicator flashes.

2 To return to the call, press **[MUTE]**.

Note:

● **[MUTE]** is a soft key visible on the display during a call.

Flash for landline calls

[FLASH] allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

Note:

● To change the flash time, see page 46.

For call waiting or Call Waiting Caller ID service users

To use call waiting or Call Waiting Caller ID, you must first subscribe with your phone service provider.
This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone.
If you subscribe to both Caller ID and Call Waiting with Caller ID services, the 2nd caller's information is displayed after you hear the call waiting tone on the base unit.

1 Press **[CALL WAIT]** to answer the 2nd call.

2 To switch between calls, press **[CALL WAIT]**.

Note:
- Please contact your phone service provider for details and availability of this service in your area.

Temporary tone dialing for landline calls (for rotary/pulse service users)

Press ⊛ (TONE) before entering access numbers which require tone dialing.

Call share

You can join an existing outside call.
To select the line that is being used for the call:
– for a cellular line press **[CELL 1]** or **[CELL 2]**.
– for the landline press **[📢]**.

Note:
- A maximum of 3 parties (including 1 outside party) can join a conversation using 2 extensions. **(3-way conference)**
- To prevent other users from joining your conversations with outside callers, turn call sharing mode off (page 46).

Transferring calls, conference calls

Outside calls can be transferred or a conference call with an outside party can be made between a handset and the base unit.

1 During an outside call, press **[INTERCOM]**.
When 2 or more handsets are registered:
  – To page a specific handset, enter the handset number.
  – To page all handsets, press ⓪ or wait for a few seconds.
2 Wait for the paged party to answer.
  - If paged party does not answer, press **[INTERCOM]** to return to the outside call.
3 **To complete the transfer:**
Press **[📢]**.

- The outside call is being routed to the handset.
To establish a conference call:
Press **[CONF]**.
- To leave the conference, press **[📢]**. The other 2 parties can continue the conversation.
- To put the outside call on hold, press **[HOLD]**. To resume the conference, press **[CONF]**.

Transferring a cellular call between the base unit and a cellular phone

Transferring a cellular call from the base unit to a cellular phone

During a cellular call, press and hold **[CELL 1]** or **[CELL 2]** until the SP-PHONE indicator goes out.
- The cellular call is transferred to the cellular phone.

Transferring a cellular call from a cellular phone to the base unit

During a conversation using a cellular phone, press **[CELL 1]** or **[CELL 2]**.
- The cellular call is transferred to the base unit.

Answering a 2nd call

If you receive a call while talking on the phone, the interrupt tone sounds (page 48) and the 2nd caller's information is displayed if you subscribe to Caller ID service (page 54).

Answering a 2nd call during a landline call

1 Press **[HOLD]** during a landline call.
2 **To answer the 2nd call:**
Press **[CELL 1]** or **[CELL 2]**.
3 To hang up the 2nd call and return to the 1st call (landline call), press **[📢]** 2 times.

Answering a 2nd call during a cellular call

1 Press **[HOLD]** during a cellular call.

2 **To answer the 2nd call:**
[📢], **[CELL 1]**, or **[CELL 2]**

3 To hang up the 2nd call and return to the 1st call (cellular call), press **[📢]**, then press **[CELL 1]** or **[CELL 2]**.

Intercom

Intercom calls can be made:
– between handsets
– between a handset and the base unit

Note:
● When paging unit(s), the paged unit(s) beeps for 1 minute.
● If you receive an outside call while talking on the intercom, the interrupt tone sounds (page 44, 48).
   – **Handset:** To finish intercom, press **[OFF]**. To answer the call, press **[✆]**.
   – **Base unit:** To finish intercom, press **[📢]**. To answer the call, press **[📢]** again.

Making an intercom call

Handset

1 **[MENU]** → **[♦]**: **"Intercom"** → **[SELECT]**

2 **[♦]**: Select the desired unit. → **[SELECT]**

3 When you finish talking, press **[OFF]**.

Note:
● You can also use the **[INTERCOM]** soft key, if displayed, to make intercom calls.

Base unit

1 Press **[INTERCOM]**.
   When 2 or more handsets are registered:
   – To page a specific handset, enter the handset number.
   – To page all handsets, press **[0]** or wait for a few seconds.

2 When you finish talking, press **[📢]**.

Answering an intercom call

Handset

1 Press **[✆]** to answer the page.

2 When you finish talking, press **[OFF]**.

Base unit

1 Press **[📢]** to answer the page.

2 When you finish talking, press **[📢]**.

Turning auto intercom on/off

This feature allows the handset or base unit to answer intercom calls automatically when it is called. You do not need to press **[✆]** or **[📢]**. When this feature is set to **"On"**, the monitoring handset or base unit for the baby monitor feature (page 52) will also answer baby monitor calls automatically. The default setting is **"Off"**.

Handset / Base unit

1 **[MENU]** **[#][2][7][3]**

2 **[♦]**: Select the desired setting. → **[SAVE]**

3 Proceed with the operation for your unit
   Handset: **[OFF]**
   Base unit: **[EXIT]**

Using the 【CALL BLOCK】 button

You can press the **[CALL BLOCK]** button in the following situations to disconnect the current call and add a phone number to the call block list:
– when an incoming call is being received
– when an incoming call is being recorded by the answering system
– when talking on an outside call

Once a phone number has been added to the call block list, the unit will block calls from that phone number in the future.

Handset

1 Press **[CALL BLOCK]** under the situations shown above.

2 Confirm the call block number and press **[YES]**.
● The call block number is stored in the call block list, **"Caller blocked"** is displayed, and then the call is disconnected.

Note:
● If the call has no phone number, the call is blocked but it is not stored in the call block list.
● The call block feature is not available:
– for intercom calls or calls received by call waiting.
– when a landline call (or cellular call) is being received during a cellular call (or landline call).
● Blocked calls are logged in the caller list.

Storing unwanted callers

The unit can block calls by storing the desired items in the call block list beforehand (Caller ID subscribers only).
– **"Block a single number"**[*1]/**"Block a single #"**[*2]: The unit blocks calls from specific phone numbers stored in the call block list.
– **"Block range of numbers"**[*1]/**"Block range of #"**[*2]: The unit blocks calls that

begin with a number stored in the call block list, such as a toll-free phone number prefix or certain area codes.
– **"Block unknown CID"**[*1]/**"Block unknown"**[*2]: The unit blocks calls that have no phone number.
[*1] Handset
[*2] Base unit

Single phone numbers and ranges of numbers can be stored in the call block list up to 250 items in total.
Blocking unwanted callers:
When a call is received, the unit rings briefly[*1] while caller information is being received.
If the caller's phone number matches an entry in the call block list, the unit emits no sound to the caller, and disconnects the call.
[*1] If you do not want this one ring to sound, select **"No"** in "Setting not to ring once for blocked call" (page 34).

Storing a single phone number

Important:
● We recommend storing 10 digits (including the area code). If only 7 digits are stored, all numbers that have the same last 7 digits will be blocked.

Adding call blocked numbers from the caller list

Handset

■ **When a cellular phone is paired:**
1 **[▼]** CID
2 **[♦]**: Select the desired entry to be blocked.
● To edit the number:
[SELECT] → Press ✳ (Edit) repeatedly until the phone number is shown in the 10-digit format. → **[SAVE]** → **[♦]** **"Call block"** → **[SELECT]** → Go to step 4.
3 **[CALL BLOCK]**
4 **[♦]**: **"Yes"** → **[SELECT]**
5 Edit the phone number if necessary (24 digits max.).

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6 **[SAVE]** → **[OFF]**

■ **When a cellular phone is not paired:**

1 **[▼]** CID

2 **[♦]**: Select the desired entry to be blocked.
   ● To edit the number: **[MENU]** → **[♦]**: **"Edit"** → **[SELECT]** Press **[EDIT]** repeatedly until the phone number is shown in the 10-digit format. → **[SAVE]** → **"Call block"** → **[SELECT]** → Go to step 4.

3 **[CALL BLOCK]**

4 **[♦]**: **"Yes"** → **[SELECT]**

5 Edit the phone number if necessary (24 digits max.).

6 **[SAVE]** → **[OFF]**

Base unit

1 **[CID]**

2 **[♦]**: Select the entry to be blocked.
   ● To edit the number: Press **[EDIT]** repeatedly until the phone number is shown in the 10-digit format.

3 **[SAVE]**

4 **[♦]**: **"Call block"** → **[SELECT]**

5 **[♦]**: **"Yes"** → **[SELECT]**

6 Edit the phone number if necessary (24 digits max.).

7 **[SAVE]** → **[EXIT]**

Adding call blocked numbers manually

Handset

1 **[CALL BLOCK]**

2 **[♦]**: **"Block a single number"** → **[SELECT]**

3 **[MENU]** → **[♦]**: **"Add"** → **[SELECT]**

4 Enter the phone number (24 digits max.).

5 **[SAVE]** → **[OFF]**

Base unit

1 **[MENU]**#217

2 **[♦]**: **"Block a single #"** → **[SELECT]** → **[ADD]**

3 Enter the phone number (24 digits max.).

4 **[SAVE]** → **[EXIT]**

Storing a range of number

Handset

1 **[CALL BLOCK]**

2 **[♦]**: **"Block range of numbers"** → **[SELECT]**

3 **[MENU]** → **[♦]**: **"Add"** → **[SELECT]**

4 Enter the desired number (2-8 digits).

5 **[SAVE]** → **[OFF]**

Base unit

1 **[MENU]**#217

2 **[♦]**: **"Block range of #"** → **[SELECT]**

3 **[ADD]**

4 Enter the desired number (2-8 digits).

5 **[SAVE]** → **[EXIT]**

Blocking incoming calls that have no phone number

You can block calls when no phone number is provided, such as private callers or out of area calls.

Handset

1 **[CALL BLOCK]**

2 **[♦]**: **"Block unknown CID"** → **[SELECT]**

3 **[♦]**: Select the desired setting. → **[SAVE]** → **[OFF]**

Base unit

1 **[MENU]**#240

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2 [▲▼]: Select the desired setting. →
   [SAVE] → **[EXIT]**

Setting not to ring once for blocked call

If you do not want the unit to sound one ring for calls from phone numbers stored in the call block list, select **"No"**. The default setting is **"Yes"**.

Handset

1 **[CALL BLOCK]**

2 [▲▼]: **"One ring for blocked call"** → **[SELECT]**

3 [▲▼]: Select the desired setting. →
   [SAVE] → **[OFF]**

Base unit

1 **[MENU]** # 1 7 3

2 [▲▼]: Select the desired setting. →
   [SAVE] → **[EXIT]**

Viewing/editing/erasing call block numbers

Handset

1 **[CALL BLOCK]**

2 [▲▼]: **"Block a single number"** or **"Block range of numbers"** → **[SELECT]**

3 [▲▼]: Select the desired entry.
   ● After viewing, press **[OFF]** to exit.

4 **To edit a number:**
   [EDIT] → Edit the number. → **[SAVE]** → **[OFF]**
   To erase a number:
   [ERASE] → [▲▼]: **"Yes"** → **[SELECT]** → **[OFF]**

Base unit

1 **[MENU]** # 2 1 7

2 [▲▼]: **"Block a single #"** or **"Block range of #"** → **[SELECT]**

3 [▲▼]: Select the desired entry.
   ● After viewing, press **[EXIT]** to exit.

4 **To edit a number:**
   [EDIT] → Edit the number. → **[SAVE]** → **[EXIT]**
   To erase a number:
   [ERASE] → [▲▼]: **"Yes"** → **[SELECT]** → **[EXIT]**

Note:

● When editing, press the desired dial key to add digits and press **[CLEAR]** to erase digits.

Erasing all call block numbers

Handset

1 **[CALL BLOCK]**

2 [▲▼]: **"Block a single number"** or **"Block range of numbers"** → **[SELECT]**

3 **[MENU]** → [▲▼]: **"Erase all"** → **[SELECT]**

4 [▲▼]: **"Yes"** → **[SELECT]**

5 [▲▼]: **"Yes"** → **[SELECT]** → **[OFF]**

Base unit

1 **[MENU]** # 2 1 7

2 [▲▼]: **"Block a single #"** or **"Block range of #"** → **[SELECT]**

3 **[ERASE]**

4 [▲▼]: **"Yes"** → **[SELECT]**

5 [▲▼]: **"Yes"** → **[SELECT]** → **[EXIT]**

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Phonebook

You can add 3,000 names (16 characters max.) and phone numbers (24 digits max.) to the phonebook, and assign each phonebook entry to the desired group (page 36). The following groups are available:
– Group 1: **"Home"**[*1] (default)
– Group 2: **"Cell 1"**[*1]
– Group 3: **"Cell 2"**[*1]
– Group 4-9: You can change the group name for each group.
*1 For groups 1-3, the group names cannot be changed.

Important:
● All entries can be shared by the base unit and any registered handset.
● You can copy phonebook entries from a Bluetooth cellular phone to the unit's phonebook (page 57).

Adding phonebook entries

Handset

1 **[◄]** ☐ → **[MENU]**
2 **[♦]**: **"Add new entry"** → **[SELECT]**
3 Enter the party's name. → **[OK]**
4 Enter the party's phone number. → **[OK]**
5 **[♦]**: Select the desired group. → **[SELECT]** 2 times → **[OFF]**

Character table for entering names

While entering characters, you can switch between uppercase and lowercase by pressing ✳ (A→a).

Key	Character				
1	&	'	(	)	✳ ,
	–	.	/	1	
2	A	B	C	2	
	a	b	c	2	
3	D	E	F	3	
	d	e	f	3	

Key	Character				
4	G	H	I	4	
	g	h	i	4	
5	J	K	L	5	
	j	k	l	5	
6	M	N	O	6	
	m	n	o	6	
7	P	Q	R	S	7
	p	q	r	s	7
8	T	U	V	8	
	t	u	v	8	
9	W	X	Y	Z	9
	w	x	y	z	9
0	␣	0			
#	#				

● To enter another character that is located on the same dial key, first press **[►]** to move the cursor to the next space.
● If you do not press any dial key within 2 seconds after entering a character, the character is fixed and the cursor moves to the next space.
● ␣ in the above table represents a single space.

Erasing the character or number

Press **[◄]** or **[►]**. → **[CLEAR]**
● Press and hold **[CLEAR]** to erase all characters or numbers.

Storing a redial list number to the phonebook

Phone numbers of up to 24 digits can be stored in the phonebook.

Handset

■ **When a cellular phone is paired:**
1 **[►]** REDIAL
2 **[♦]**: Select the desired phone number. → **[MENU]**
3 **[♦]**: **"Save"** → **[SELECT]**

4 To store the name, continue from step 3, "Editing entries", page 37.

■ **When a cellular phone is not paired:**

1 **[►]** REDIAL

2 **[♦]**: Select the desired phone number. → **[SAVE]**

3 To store the name, continue from step 3, "Editing entries", page 37.

Base unit

1 **[REDIAL]**

2 **[♦]**: Select the desired phone number. → **[SAVE]** → **[EXIT]**

Note for base unit:
● If you stored redial list number to the phonebook using the base unit, the entry is automatically assigned to **"Home"**.
● If you want to edit the caller name or the group, you can do so using the handset (page 37).

Storing caller information to the phonebook

Handset

■ **When a cellular phone is paired:**

1 **[▾]** CID

2 **[♦]**: Select the desired entry. → **[SELECT]**
● To edit the number, press ✱ (Edit) repeatedly until the phone number is shown in the desired format.

3 **[SAVE]**

4 **[♦]**: **"Phonebook"** → **[SELECT]**

5 Continue from step 3, "Editing entries", page 37.

■ **When a cellular phone is not paired:**

1 **[▾]** CID

2 **[♦]**: Select the desired entry. → **[MENU]**
● To edit the number:
[♦]: **"Edit"** → **[SELECT]**
Press **[EDIT]** repeatedly until the phone number is shown in the

desired format. And then, press **[SAVE]**. Go to step 4.

3 **[♦]**: **"Save caller ID"** → **[SELECT]**

4 **[♦]**: **"Phonebook"** → **[SELECT]**

5 Continue from step 3, "Editing entries", page 37.

Base unit

1 **[CID]**

2 **[♦]**: Select the desired entry.
● To edit the number, press **[EDIT]** repeatedly until the phone number is shown in the desired format.

3 **[SAVE]**

4 **[♦]**: **"Phonebook"** → **[SELECT]**

5 **[EXIT]**

Note for base unit:
● If you stored caller information to the phonebook using the base unit, the entry is automatically assigned to **"Home"**.
● If you want to edit the caller name or the group, you can do so using the handset (page 37).

Groups

Groups can help you find entries in the phonebook quickly and easily. You can change the group name for groups 4-9 ("Friends", "Family", etc.). By assigning different ringer tones for different groups of callers, you can identify who is calling (ringer ID), if you have subscribed to Caller ID service.

Changing group names/setting ringer ID

Handset

1 **[◄]** 📖 → **[MENU]**

2 **[♦]**: **"Group"** → **[SELECT]**

3 **[♦]**: Select the desired group. → **[SELECT]**
● If you selected **"Home"**, **"Cell 1"**, or **"Cell 2"**, go to step 5.

4 To change group names
[♦]: **"Group name"** → **[SELECT]** →
Edit the name (10 characters max.). →
[SAVE]

5 To set group ringer tone
[♦]: Select the current setting of the
group ringer tone. → **[SELECT]** → [♦]:
Select the desired ringer tone. → **[SAVE]**

6 [OFF]

Finding and calling from a phonebook entry

Once you have found the desired entry using
one of the following 4 methods, make a call
with your unit.

■ **Using a cellular line:**

Handset

1 [CELL]
● The unit starts dialing when:
– only 1 cellular phone is paired.
– a specific line is set to make cellular
calls (page 20).
2 [♦]: Select the desired cellular phone. →
[SELECT]

Base unit

Press **[CELL 1]** or **[CELL 2]**.

■ **Using a landline:**

Handset

[➐]

Base unit

[◱]

Scrolling through all entries

Handset / Base unit

1 Proceed with the operation for your unit.
Handset: [◄] ▥
Base unit: [▥]
2 [♦]: Select the desired entry.

Searching by first character

Handset / Base unit

1 Proceed with the operation for your unit.
Handset: [◄] ▥
Base unit: [▥]
2 Press the dial key ([0] – [9] or [#]) which
contains the character you are searching
for (page 35).
3 [♦]: Scroll through the phonebook if
necessary.

Searching by query

You can narrow down the search to enter the
first characters of a name.

Handset / Base unit

1 Proceed with the operation for your unit.
Handset: [◄] ▥ → ✳
Base unit: [▥] → ✳
2 To search for the name, enter the first
characters (up to 4) in uppercase
(page 35).
3 **[OK]**
4 [♦]: Scroll through the phonebook if
necessary.

Searching by group

Handset / Base unit

1 Proceed with the operation for your unit.
Handset: [◄] ▥
Base unit: [▥]
2 **[GROUP]**
3 [♦]: Select the group you want to search.
→ **[SELECT]**
● If you select **"All groups"**, the unit
ends the group search.
4 [♦]: Select the desired entry.

Editing entries

Handset

1 Find the desired entry (page 37).

2 **[MENU]** → **[♦]**: **"Edit"** → **[SELECT]**

3 Edit the name if necessary. → **[OK]**

4 Edit the phone number if necessary. → **[OK]**

5 **[♦]**: Select the desired group (page 36). → **[SELECT]** 2 times → **[OFF]**

Erasing entries

Erasing an entry

Handset

1 Find the desired entry (page 37).

2 **[MENU]** → **[♦]**: **"Erase"** → **[SELECT]**

3 **[♦]**: **"Yes"** → **[SELECT]** → **[OFF]**

Base unit

1 Find the desired entry (page 37).

2 **[ERASE]** → **[♦]**: **"Yes"** → **[SELECT]** → **[EXIT]**

Erasing all entries

Handset

1 **[◄]** 🕮 → **[MENU]**

2 **[♦]**: **"Erase all"** → **[SELECT]**

3 **[♦]**: Select the desired group. → **[SELECT]**

4 **[♦]**: **"Yes"** → **[SELECT]**

5 **[♦]**: **"Yes"** → **[SELECT]** → **[OFF]**

Base unit

1 **[🕮]** → **[ERASE]**

2 **[♦]**: Select the desired group. → **[SELECT]**

3 **[♦]**: **"Yes"** → **[SELECT]**

4 **[♦]**: **"Yes"** → **[SELECT]**

Chain dial

This feature allows you to dial phone numbers in the phonebook while you are on a call. This feature can be used, for example, to dial a calling card access number or bank account PIN that you have stored in the phonebook, without having to dial manually.

Handset / Base unit

1 Proceed with the operation for your unit.
Handset: During an outside call, press **[◄]** 🕮.
Base unit: During an outside call, press **[🕮]**.

2 **[♦]**: Select the desired entry.

3 Press **[CALL]** to dial the number.

Note:

● When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press **[▲]** (Pause) to add pauses after the number and PIN as necessary (page 22).

● If you have rotary/pulse service, you need to press ☒ (TONE) before pressing **[◄]** 🕮 on the handset or **[🕮]** on the base unit in step 1 to change the dialing mode temporarily to tone. When adding entries to the phonebook, we recommend adding ☒ (TONE) to the beginning of phone numbers you wish to chain dial (page 35).

Speed dial

You can assign 1 phone number to each of the dial keys (🔢 to 🔢) on the handset.

Adding phone numbers to speed dial keys

Handset

■ **By entering phone numbers:**

1 Press and hold the desired speed dial key (🔢 to 🔢). → **[ADD]**

2 **[♦]**: **"Manual"** → **[SELECT]**

3 Enter the party's name (16 characters max.). → **[OK]**

4 Enter the party's phone number (24 digits max.). → **[OK]**

5 **[SELECT]** → **[OFF]**

∎ **From the phonebook:**

1 Press and hold the desired speed dial key (⊡ to ⑨). → **[ADD]**

2 **[⬍]**: **"Phonebook"** → **[SELECT]**

3 **[⬍]**: Select the desired entry.

4 **[SAVE]** → **[OFF]**

Note:

● If you edit a phonebook entry which is assigned to a speed dial key, the edited entry does not transfer to the speed dial key.

Editing an entry

Handset

1 Press and hold the desired speed dial key (⊡ to ⑨). → **[MENU]**

2 **[⬍]**: **"Edit"** → **[SELECT]**

3 Edit the name if necessary. → **[OK]**

4 Edit the phone number if necessary. → **[OK]**

5 **[SELECT]** → **[OFF]**

Erasing an entry

Handset

1 Press and hold the desired speed dial key (⊡ to ⑨). → **[MENU]**

2 **[⬍]**: **"Erase"** → **[SELECT]**

3 **[⬍]**: **"Yes"** → **[SELECT]** → **[OFF]**

Viewing an entry/Making a call

Handset

∎ **Using a cellular line:**

1 Press and hold the desired speed dial key (⊡ to ⑨).

2 **[CELL]**
   ● The unit starts dialing when:
     – only 1 cellular phone is paired.
     – a specific line is set to make cellular calls (page 20).

3 **[⬍]**: Select the desired cellular phone. → **[SELECT]**

∎ **Using a landline:**

1 Press and hold the desired speed dial key (⊡ to ⑨).

2 To make a call, press **[☏]**.

Menu list

To access the features, there are 2 methods.

> **Handset / Base unit**

∎ Scrolling through the display menus

1 **[MENU]**
2 Press **[▼]** or **[▲]** to select the desired main menu. → **[SELECT]**
3 Press **[▼]** or **[▲]** to select the desired item from the next sub-menus. → **[SELECT]**
4 Press **[▼]** or **[▲]** to select the desired setting. → **[SAVE]**

∎ Using the direct command code

1 **[MENU]** → Enter the desired code.
 Example: Press **[MENU]**[#][1][0][1].
 For available code:
 – Handset: see page page 40.
 – Base unit: see page page 47.
2 Select the desired setting. → **[SAVE]**

Note:

- To exit the operation, press **[OFF]** on the handset or **[EXIT]** on the base unit.
- In the following table, < > indicates the default settings.
- In the following table, ☞ indicates the reference page number.
- Display menu order and sub-menu may vary depending on your model.

Display menu tree and direct command code table

∎ Handset

Main menu: 📖 **"Phonebook"**

Operation	Code	☞
Viewing the phonebook entry.	**#280**	37

Main menu: →🔔 **"Caller list"**

Operation	Code	☞
Viewing the caller list.	**#213**	54

Main menu: 🔊 **"Answering device"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Play new message	–	–	**#323**	64
Play all message	–	–	**#324**	64
Erase all message[*1]	–	–	**#325**	64

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Greeting	Record greeting[*1]	–	#302	62
	Check greeting	–	#303	63
	Pre-recorded[*1] (Reset to pre-recorded greeting)	–	#304	63
New message alert[*1]	Outgoing call – On/Off	On <Off>	#338	65
	Outgoing call – Notification to	–		
	Outgoing call – Remote code	Activate <Inactivate>		
	Base unit beep	On <Off>	#339	65
Settings	Ring count[*1]	2-7 rings <4 rings> Toll saver	#211	68
	Recording time[*1]	1 min <3 min> Greeting only[*2]	#305	68
	Remote code[*1]	<111>	#306	66
	Screen call	<On> Off	#310	67
Answer on[*1]	–	–	#327	62
Answer off[*1]	–	–	#328	62

Main menu: ✉ "Voicemail access"[*3]

Operation	Code	☞
Listening to voicemail messages.	#330	70

Main menu: 〔•〕 "Intercom"

Operation	Code	☞
Paging the desired unit.	#274	31

Main menu: 🔵 **"Bluetooth"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Link to cell` – **1:Add new device**[*4] (for CELL 1) – **2:Add new device**[*4] (for CELL 2)	`Connect`[*1]/ `Disconnect`[*1]	–	**#6251**[*5]	19
			#6252[*6]	
	`Ringer volume`	`Off–6 <6>`	**#6281**[*5]	22
			#6282[*6]	
	`Ringer tone`[*7]	`<Tone 2>`[*5]	**#6291**[*5]	–
		`<Tone 4>`[*6]	**#6292**[*6]	
	`Select unit to ring`[*1]	`Handset 1-6 <All>`	**#6271**[*5]	18
			#6272[*6]	

	`Ring as cell (limited)`[*1]	`<On (with Talking CID)>`
		`On (without Talking CID)`
		`Off`
			#6141[*5]	18

			#6142[*6]	
	`Alert settings`[*1] – `Alert On/Off`	`<On>` `Off`	**#6101**[*5]	59
			#6102[*6]	
	`Alert settings`[*1] – `Voice alert`	`<On>` `Off`	**#6031**[*5]	59
			#6032[*6]	
	`Alert settings`[*1, *8] – `Alert tone`	`<Tone 1>`[*5] `<Tone 2>`[*6]	**#6041**[*5]	60
			#6042[*6]	
	`Pair`	–	**#6241**[*5]	17
			#6242[*6]	
	`Unpair`	–	**#6111**[*5]	17
			#6112[*6]	
`Phonebook transfer`	–	–	**#618**	57
`Headset`	`Add new device`[*4]	–	**#621**	60
	`Connect`[*1]/ `Disconnect`[*1]	–	**#622**	60
	`Pair`	–	**#621**	60
	`Unpair`	–	**#612**	61

Sub-menu 1	Sub-menu 2	Settings	Code	☞

`Settings`	`Auto connect`[1]	`<1 min>`
		`3 min`
		`5 min`
		`10 min`
		`Off`
			#632	18

	`Cell area code`[1]	–	**#633**	20
	`Cell line only mode`[1]	`On` `<Off>`	**#157**	19
	`Cell line select – Handset`	`Cellphone 1`[4] `Cellphone 2`[4] `<Manual>`	**#634**	20
	`Cell line select – Base unit`[1]	`<Cellphone 1>`[4] `Cellphone 2`[4]	**#✱634**	
	`Set PIN`[1]	`<0000>`	**#619**	20
	`International code`[1]	–	**#117**	57
	`Country code`[1]	–	**#118**	
	`Trunk prefix`[1]	–	**#119**	

Main menu: ⏲ **"Set date & time"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
`Date and time`[1]	–	–	**#101**	16

`Memo alarm`	`Alarm1–3`	`Once`
		`Daily`
		`Weekly`
		`<Off>`
			#720	49

`Time adjustment`[1, 9]	–	`<Caller ID auto>` `Manual`	**#226**	–

Main menu: ⊞ **"Speed dial"**

Operation	Code	☞
Viewing the speed dial entry.	**#261**	38

Main menu: 🔧 **"Settings"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Ring adjustments	Ringer volume[*3]	Off–6 <6>	#160	–
	Ringer tone[*3, *7, *10] (Handset)	<Tone 1>	#161	–
	Interrupt tone[*11]	<On> Off	#201	25
	Silent mode — On/Off	On <Off>	#238	50
	Silent mode — Start/End	<11:00 PM/06:00 AM>	#237	50
	Silent mode — Select group	Home Cell 1 Cell 2 Group 4–9	#241	50
Set date & time	Date and time[*1]	–	#101	16
	Memo alarm — Alarm1–3	Once Daily Weekly <Off>	#720	49
	Time adjustment[*1, *9]	<Caller ID auto> Manual	#226	–
Talking caller ID	–	<On> Off	#162	54
Key detector setting[*12] — **1:**Add new device (for Detector1)[*13] — **2:**Add new device (for Detector2) — **3:**Add new device (for Detector3) — **4:**Add new device (for Detector4)	Change name[*1]	Detector1	#6561	–
		Detector2[*14]	#6562[*14]	
		Detector3[*14]	#6563[*14]	
		Detector4[*14]	#6564[*14]	
	Registration	–	#6571	–
			#6572[*14]	
			#6573[*14]	
			#6574[*14]	
	Deregistration	–	#6581	–
			#6582[*14]	
			#6583[*14]	
			#6584[*14]	

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Call block[*1]	Block a single number	–	#217	32
	Block range of numbers	–		33
	Block unknown CID (CID: Caller ID)	Block <Unblock>	#240	33
	One ring for blocked call	<Yes> No	#173	34
Speed dial	–	–	#261	38
Record greeting[*1]	–	–	#302	62
Voicemail[*3]	Save VM access#[*1] (VM: Voicemail)	–	#331	69
	VM tone detect[*1]	<On> Off	#332	69
LCD contrast (Display contrast)	–	Level 1–4 <2>	#145	–
Handset name	–	–	#104	53
Display name	–	On <Off>	#105	53
Auto intercom	–	On <Off>	#273	31
Key tone	–	<On> Off	#165	–
Caller ID edit (Caller ID number auto edit)	–	<On> Off	#214	55
Auto talk[*15]	–	On <Off>	#200	22

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Set tel line[*3]	Set dial mode[*1]	Pulse <Tone>	#120	16
	Set flash time[*1, *16]	900 ms <700 ms> 600 ms 400 ms 300 ms 250 ms 200 ms 160 ms 110 ms 100 ms 90 ms 80 ms	#121	22
	Set line mode[*1, *17]	A <B>	#122	–
Call sharing[*1]	–	<On> Off	#194	24, 29
Registration	Register handset	–	#130	53
	Deregistration[*2]	–	#131	53
Power failure	–	<Auto> Off	#152	25
Change language	Display	<English> Español	#110	16
	Voice prompt[*1]	<English> Español	#112	16

Main menu: ?☐ "Customer support"

Operation	Code	☞
Displaying customer support Web address.	#680	–

Main menu: ☺ "Baby monitor"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
On/Off	–	On <Off>	#268	51
Sensitivity level	–	Low <Middle> High	#269	52

Main menu: (⊙) **"Key detector"**[*12]

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Search	–	–	**#655**	–
Battery check	–	–		

◼ Base unit

Main menu: ▢ **"Phonebook"**

Operation	Code	☞
Viewing the phonebook entry.	**#280**	37

Main menu: ┙ **"Caller list"**

Operation	Code	☞
Viewing the caller list.	**#213**	54

Main menu: ▢◞ **"Answer device"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Screen call	–	<On> Off	**#310**	67

Main menu: ❂ **"Bluetooth"**

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Link to cell – Cellular phone 1[*4] – Cellular phone 2[*4]	Ringer volume	Off–6 <1>	**#6281**[*5] **#6282**[*6]	28
	Alert settings[*1] – Alert On/Off	<On> Off	**#6101**[*5] **#6102**[*6]	59
	Alert settings[*1] – Voice alert	<On> Off	**#6031**[*5] **#6032**[*6]	59
Cell line	<Cellphone 1>[*4] Cellphone 2[*4]	–	**#634**	20

Programming

Main menu: 🔧 "Settings"

Sub-menu 1	Sub-menu 2	Settings	Code	☞
Ring adjustment	Ringer volume*3	Off–6 <1>	**#160**	–
	Interrupt tone*11	<On> Off	**#201**	29
	Silent mode – On/Off	On <Off>	**#238**	50
	Silent mode – Start/End	<11:00 PM/ 06:00 AM>	**#237**	50
	Silent mode – Select group	Home Cell 1 Cell 2 Group 4–9	**#241**	50
Talking CID	–	On <Off>	**#162**	54
Call block*1	Block a single #	–	**#217**	32
	Block range of #	–		33
	Block unknown	Block <Unblock>	**#240**	33
	Ring once	<Yes> No	**#173**	34
LCD contrast (Display contrast)	–	Level 1–6 <3>	**#145**	–
Auto intercom	–	On <Off>	**#273**	31
Caller ID edit (Caller ID number auto edit)	–	<On> Off	**#214**	55
Change language (Display)	–	<English> Español	**#110**	16

Main menu: 🌐 "Cust. Support"

Operation	Code	☞
Displaying customer support Web address.	**#680**	–

*1 If you program these settings using one of the units, you do not need to program the same item using another unit.
*2 This menu is not displayed when scrolling through the display menus. It is only available in direct command code.
*3 When the cellular line only mode is turned on, these menus are not displayed (page 19).
*4 After the Bluetooth device is paired, the device name is displayed.
*5 For CELL 1
*6 For CELL 2

*7 The preset melodies in this product (**"Tone 3"** - **"Melody 10"**) are used with permission of © 2009 Copyrights Vision Inc.

*8 The preset melodies in this product (**"Tone 1"** and **"Tone 2"**) are used with permission of © 2013 Copyrights Vision Inc.

*9 This feature allows the unit to automatically adjust the date and time each time caller information including date and time is received.
To turn this feature on, select **"Caller ID auto"**. To turn this feature off, select **"Manual"**. (Caller ID subscribers only)
To use this feature, set the date and time first (page 16).

*10 If you subscribe to a distinctive ring service (such as IDENTA-RING), select a tone (tone 1 or 2). If you select a melody, you cannot distinguish lines by their ringers.

*11 This tone lets you know when you receive an outside call while you are on another line or an intercom call. If you select **"On"**, the tone sounds 2 times.

*12 This setting is available when you have the key detector (KX-TGA20). Read the installation manual for more information on the key detector.

*13 For models with supplied key detectors, the display shows "**1: Detector1**".

*14 If you register 2 or more key detectors.

*15 If you subscribe to a Caller ID service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.

*16 The flash time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary. The setting should stay at **"700 ms"** unless pressing **[FLASH]** fails to pick up the waiting call.

*17 Generally, the line mode setting should not be changed. This setting automatically maintains receiver volume at the proper level depending on the current telephone line condition. Set the line mode to **"A"** if telephone line condition is not good.

Alarm

An alarm sounds at the set time for 1 minute and is repeated 5 times at 5 minute intervals (snooze function). A text memo can also be displayed for the alarm. A total of 3 separate alarm times can be programmed for each handset. You can set one of 3 different alarm options (once, daily, or weekly) for each alarm time.

Important:

- Make sure the unit's date and time setting is correct (page 16).

Handset

1 **[MENU]** #720

2 **[♦]**: Select the desired alarm. → **[SELECT]**

3 **[♦]**: Select the desired alarm option. → **[SELECT]**

"Off" Turns alarm off. Go to step 10.
"Once" An alarm sounds once at the set time.
"Daily" An alarm sounds daily at the set time. Go to step 5.
"Weekly" Alarm sounds weekly at the set time(s).

4 Proceed with the operation according to your selection in step 3.

- **Once:** Enter the desired month and date. → **[OK]**

- **Weekly:** **[♦]**: Select the desired day of the week and press **[SELECT]**. → **[OK]**

5 Set the desired time.

6 ✽: Select **"AM"** or **"PM"**. → **[OK]**

7 Enter a text memo (10 characters max.).
→ **[OK]**

8 **[♦]**: Select the desired alarm tone. →
[SELECT]
● We recommend selecting a different
ringer tone from the one used for
outside calls.

9 **[♦]**: Select the desired snooze setting.
→ **[SAVE]**

10 **[SELECT]** → **[OFF]**

Note:
● Press **[STOP]** to stop the alarm completely.
● When the handset is in use, the alarm will
not sound until the handset is in standby
mode.
● Press any dial key or **[SNOOZE]** to stop
the sound but keep the snooze function
activated.
● If you want to make an outside call when
the snooze function is activated, please
stop the snooze function before making the
call.

Silent mode

Silent mode allows you to select a period of
time during which the handset and/or base
unit will not ring for outside calls. This feature
is useful for time periods when you do not
want to be disturbed, for example, while
sleeping. Silent mode can be set for each unit.
Using the phonebook's group feature
(page 36), you can also select groups of
callers whose calls override silent mode and
ring the unit (Caller ID subscribers only).

Important:
● Make sure the unit's date and time setting
is correct (page 16).
● If you have set the alarm, the alarm sounds
even if the silent mode is turned on.

Turning silent mode on/off

Handset

1 **[MENU]** # 2 3 8

2 **[♦]**: Select the desired setting. →
[SAVE]
● If you select **"Off"**, press **[OFF]** to
exit.

3 Enter the desired hour and minute you
wish to start this feature.

4 ✽: Select **"AM"** or **"PM"**. → **[OK]**

5 Enter the desired hour and minute you
wish to end this feature.

6 ✽: Select **"AM"** or **"PM"**.

7 **[SAVE]** → **[OFF]**

Base unit

1 **[MENU]** # 2 3 8

2 **[♦]**: Select the desired setting. →
[SAVE]
● If you select **"Off"**, press **[EXIT]** to
exit.

3 Enter the desired hour and minute you
wish to start this feature.

4 **[AM/PM]**: Select **"AM"** or **"PM"**. → **[OK]**

5 Enter the desired hour and minute you
wish to end this feature.

6 **[AM/PM]**: Select **"AM"** or **"PM"**.

7 **[SAVE]** → **[EXIT]**

Changing the start and end time

Handset / Base unit

1 **[MENU]** # 2 3 7

2 Continue from step 3 for handset or step
3 for base unit, "Turning silent mode on/
off", page 50.

Selecting groups to bypass silent
mode

Handset / Base unit

1 **[MENU]** # 2 4 1